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				First Named Inventor	Keith D. Trott	
51	ATEMENT			Art Unit	Not Yet Assigned 2828	
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Sheet	1	of	2	Attorney Docket Number	RTN-141PUS	

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (8 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
m		^{US-} 3,836,976	09/17/1974	Monser et al.	
Me		US- 4,500,887	02/19/1985	Nester	
No		^{US-} 4,973,925	11/27/1990	Nusair et al.	
mi		^{US-} 5,070,340	12/03/1991	Diaz	
Ope		^{US-} 5,185,611	02/09/1993	Bitter, Jr.	
m		^{us-} 5,208,602	05/04/1993	Monser et al.	
m		^{US-} 5,248,987	09/28/1993	Lee	
Ohn		^{US-} 5,428,364	06/27/1995	Lee et al.	\
lm		^{US-} 5,786,792	07/28/1998	Bellus et al.	
pm		^{US-} 5,949,382	09/07/1999	Quan	
ma		^{US-} 5,977,911	11/02/1999	Green et al.	
Mu		^{US-} 6,271,799	08/07/2001	Rief et al.	
M	/	^{US-} 6,292,153	09/18/2001	Aiello et al.	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
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Substitute for form 1449/PTO					Application Numb r	Not Yet Assigned 10/47,620
INFO	DRMATIC	ON E	DISC	CLOSURE	Filing Date	July 11, 2003
STA	TEMEN	r BY	'AP	PLICANT	First Named Invent r	Keith D. Trott
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	(Use as man)	, sheets	as nec	essary)	Examiner Name	Not Yet Assigned Wimer
Sheet	2	T	of	2	Attorney Docket Number	RTN-141PUS

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	T ²
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	1.
June		HERSCOVICI, "Extremely Wide-Band Antennas For Wireless Communication;" Presented at 1998 Wireless Symposium; Cushcraft Corp.; two pages	_
Mil	,	SCHAUBERT et al.; "Wideband Vivaldi Arrays For Large Aperture Antennas;" A.B. Smolders and M.P. van Haarlern; Perspectives on Radio Astronomy - Technologies for Large Antenna Arrays; Netherlands Foundation for Research in Astronomy 1999; pages 50-57	
Mix		SMOLDERS et al.; "Wide-Band Antenna Element With Integrated Balun;" Presented at the IEEE APS Int. Symposium Atlanta USA 1998; four pages	
Work	-	YORK; "Broadband Microwave Power Combiners Using Active Arrays in an Oversized Coasial Waveguide;" Final Report 1997-98 for Micro project 97-217; Sponsored by Hughes Space and Communications, El Segundo, CA, USA; three pages	
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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English tanguage Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 10/617,620 Filing Date July 11, 2003 First Named Inventor Keith D. Trott Art Unit <u>০ ২ফ</u> -2824 X Examiner Name Wimer Not Yet Assigned Attorney Docket Number RTN-141PUS

				DOCUMENTS_	
Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
m		^{US-} 4,793,925	11/27/1990	Nussair et al.	
m		^{US-} 5,208,602	05/04/1993	Monser et al.	
Don		^{US-} 5,248,987	09/28/1993	Lee	
Mn		US- 5,428,364	06/27/1995	Lee et al.	
the		^{US-} 5,519,408	05/21/1996	Schnetzer	
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m		^{US-} 5,977,911	11/02/1999	Green et al.	1 1
M		^{US-} 6,292,153	09/18/2001	Aiello et al.	
MI		^{US-} 6,271,799	08/07/2001	Rief et al.	
Mar		^{US-} 6,552,691	04/22/2003	Mohuchy et al.	
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				Applicati n Numb r	10/617,620			
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M		DANIEL H. SCHAUBERT, TAN-HUAT CHIO, Wideband Vivaldi Arrays for Large Aperture Antenn 59-57, Perspectives on Radio Astronomy - Technologies for Large Antenna Arrays, Netherlands for Research in Astronomy - 1999.	as, 1999, PP Foundation	:			
M		KEITH TROTT, BOB CUMMINGS, RONNI CAVENER, MARK DELUCA, JOE BIONDI, AND TON Wideband Phased Array Radiator, pp. 1-4, 2003 IEEE Phased Array Conference Proceedings, he MA. October 14-17, 2003.					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Comple	ete if Known
	Application Number	10/617,620
	Filing Date	July 11, 2003
	First Named Inventor	Keith D. Trott
	Art Unit	-2821 2828
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	RTN-141PUS

Examiner Initials*	Cite No.'	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
m	,	^{US-} 6,208,308	03/27/2001	Lemons	
an		^{US-} 5,428,364	06/27/1995	Lee et al.	
bee		^{US-} 4,500,887	02/19/1985	Nester	
bu		^{US-} 6,518,931	02/11/2003	Sievenpiper	
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		FORE	IGN PATENT DOCL	IMENTS		
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁰
me		0 634 808 A1	01/18/1995	Gary G. Sanford		
me		DE 3215323 A1	01/23/1982	Michael Buschoff		
mor		EP 1 006 609 A2	11/30/1998	Ronald A. Marino		
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Examiner Signature Date Considered 3/8/2005

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		OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Am		DeLuca; "A Broadband Dual Polarized Slotline Feed;" Engineering Project ECE 688; University of Massachusetts/Raytheon; December 16, 2002; 1-37	
mm		DeLuca; "A Broadband Dual Polarized Slotline Feed;" Slide Presentation; 21st Annual Raytheon/UMASS Colloquium; November 13, 2002; pages 1-22	
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Examiner M. Wimer	Date Considered	3/8/2005

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